

DISCRETE APPLIED MATHEMATICS
VOLUME 44, NUMBERS 1-3, 19 JULY 1993
SPECIAL VOLUME: IN MEMORY OF MARTIN FARBER

Abstracted/Indexed in: ACM Computing Reviews, Cambridge Scientific Abstracts, Current Contents: Physical, Chemical & Earth Sciences, Engineering Index/Compendex, INSPEC Information Services, International Abstracts in Operations Research, Mathematical Reviews, Science Citation Index, Statistical Theory and Method Abstracts, Zentralblatt für Mathematik.

CONTENTS

Introduction	1
Biography of Martin Farber, 1951-1989	5
<i>H.-J. Bandelt, M. Farber and P. Hell</i>	
Absolute reflexive retracts and absolute bipartite retracts	9
<i>I. Adler, A.J. Hoffman and R. Shamir</i>	
Monge and feasibility sequences in general flow problems	21
<i>V. Chvátal</i>	
Which claw-free graphs are perfectly orderable?	39
<i>E.S. Elmallah and L.K. Stewart</i>	
Independence and domination in polygon graphs	65
<i>M.C. Golumbic and R.C. Laskar</i>	
Irredundancy in circular arc graphs	79
<i>M.S. Jacobson and K. Peters</i>	
A note on graphs which have upper irredundance equal to independence	91
<i>P.J. Bernhard, S.T. Hedetniemi and D.P. Jacobs</i>	
Efficient sets in graphs	99
<i>J.A. Telle and A. Proskurowski</i>	
Efficient sets in partial k -trees	109
<i>J.R.S. Blair</i>	
The efficiency of AC graphs	119
<i>L. Cai and F. Maffray</i>	
On the SPANNING k -TREE problem	139
<i>G. Isaak</i>	
Bounded discrete representations of interval orders	157
<i>S.R. Arikati and U.N. Peled</i>	
A linear algorithm for the group path problem on chordal graphs	185
<i>M.S. Jacobson, J. Lehel and L.M. Lesniak</i>	
ϕ -threshold and ϕ -tolerance chain graphs	191

<i>Y.-W. Chang, M.S. Jacobson, C.L. Monma and D.B. West</i> Subtree and substar intersection numbers	205
<i>C.J. Colbourn, A. Satyanarayana, C. Suffel and K. Sutner</i> Computing residual connectedness reliability for restricted networks	221
<i>E.R. Scheinerman and A. Trenk</i> On generalized perfect graphs: bounded degree and bounded edge perfection	233
<i>R.P. Anstee</i> Minimum vertex weighted deficiency of (g, f) -factors: A greedy algorithm	247
<i>P.C. Fishburn and F.S. Roberts</i> Elementary sequences, sub-Fibonacci sequences	261
<i>H.J. Prömel and A. Steger</i> Excluding induced subgraphs II: extremal graphs	283
<i>T.W. Haynes, R.C. Brigham and R.D. Dutton</i> Extremal graphs domination insensitive to the removal of k edges	295
<i>A. Hartman and Y. Medan</i> Covering the complete graph with plane cycles	305
AUTHOR INDEX	311

